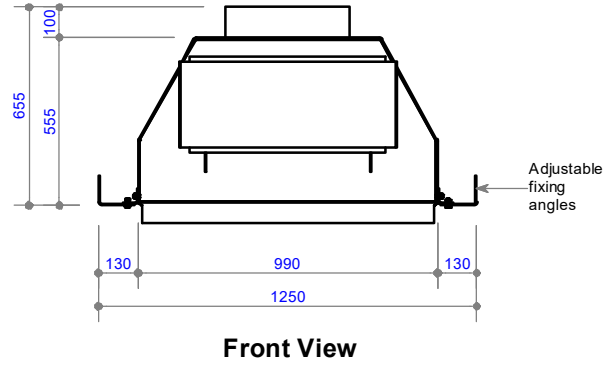
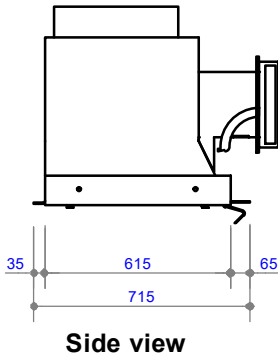
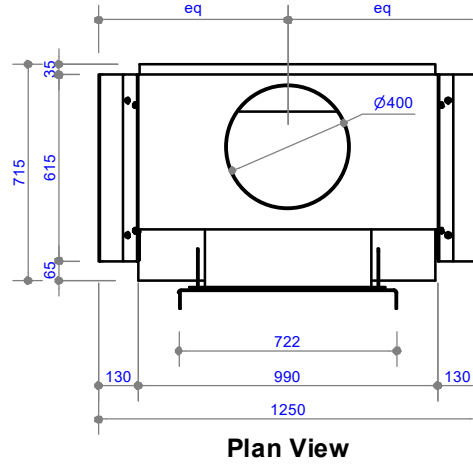




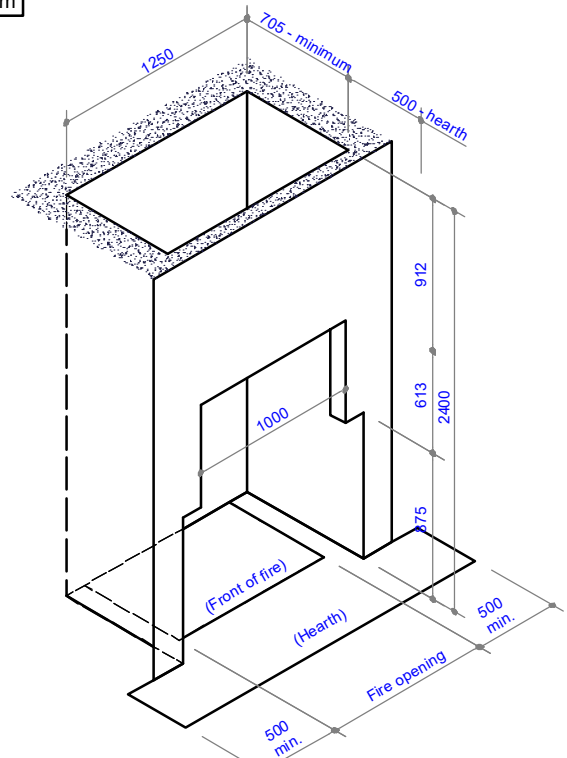
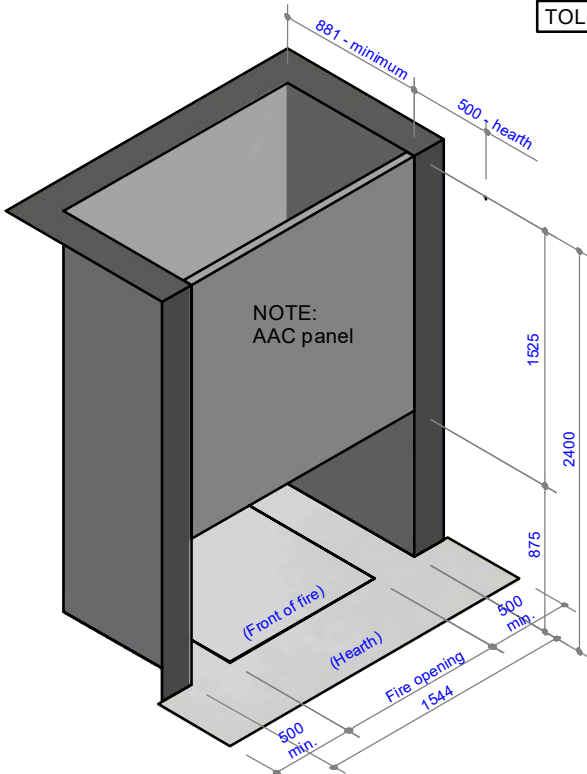
WD5-1000

Specifications

Information in this specification may be subject to change without notice. Please ensure you have the current version before beginning installation.



TOLERANCE = +/- 3mm



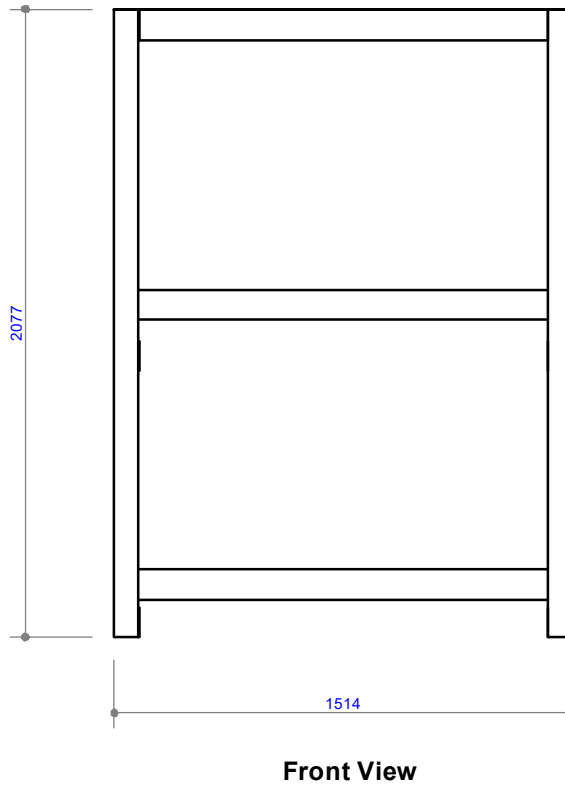
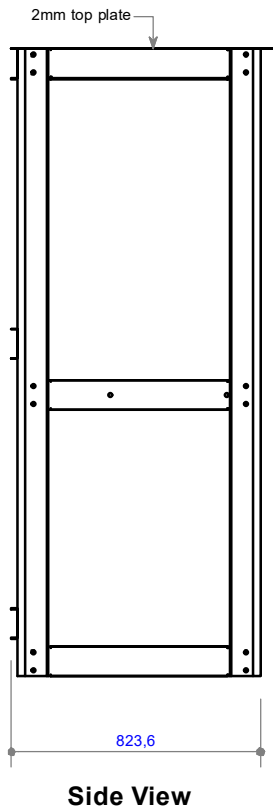
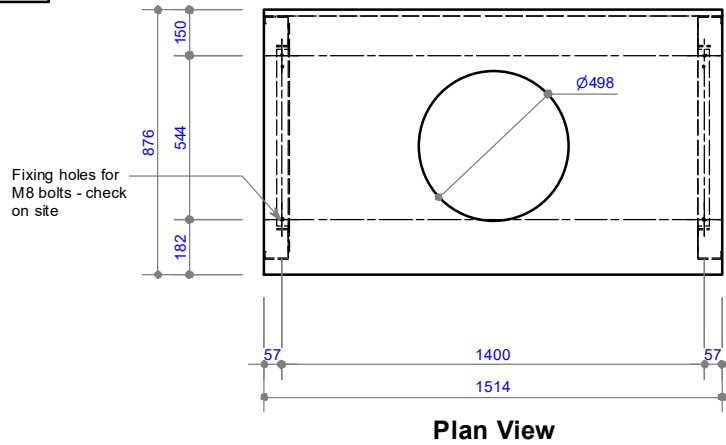
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| | | |
|------------------------|------------------|--|
| Client: THE FIRE DEPT. | | |
| Product: WD5-1000 | | |
| Title: FIRE DIMENSIONS | | |
| Drawn: J.SCHOEMAN | Date: 24/08/2018 | |
| Chkd: J. WILSON | Date: 23/08/2018 | |
| Appd: J. WILSON | Date: 23/08/2018 | |
| Scale: on A4 | | |

THE
FIRE
DEPT.
HAND CRAFTED FIRES

| | | |
|---------------------------------|-----------------------------|-------------------|
| Drawing No. WD5-1000-901 | Sheet 1 of 14 | Revision 1 |
|---------------------------------|-----------------------------|-------------------|

Information in this specification may be subject to change without notice. Please ensure you have the current version before beginning installation.

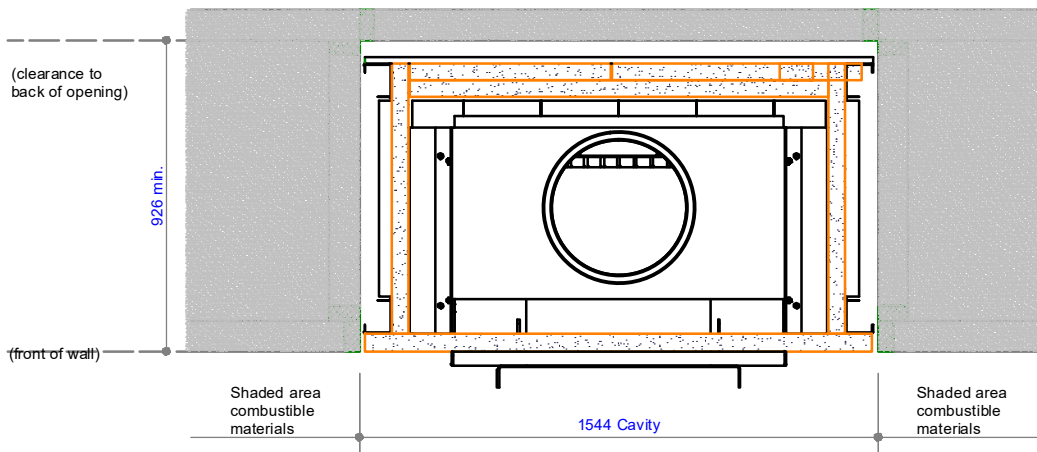


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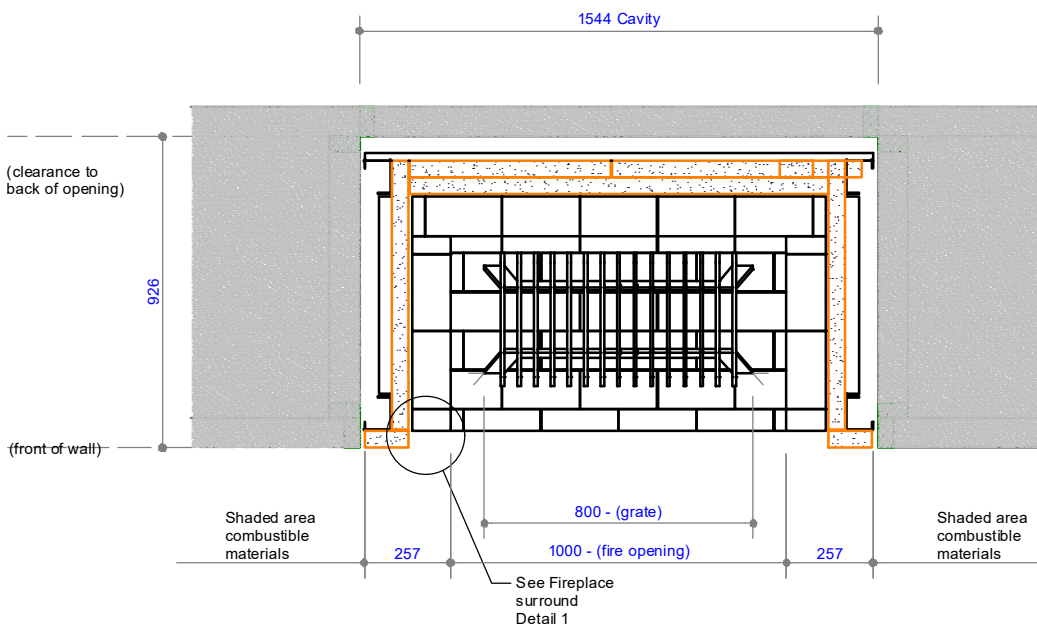
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|---------------------------------------|------------------|
| Client: THE FIRE DEPT. | |
| Product: WD5-1000 | |
| Title: STEEL SUPPORT FRAME DIMENSIONS | |
| Drawn: J.SCHOEMAN | Date: 24/08/2018 |
| Chkd: J. WILSON | Date: 23/08/2018 |
| Appd: J. WILSON | Date: 23/08/2018 |
| Scale: | on A4 |



| | | |
|---------------------------------|---------------|-------------------|
| Drawing No. WD5-1000-902 | Sheet 2 of 14 | Revision 1 |
|---------------------------------|---------------|-------------------|



Plan View - Fire insert (above fire gather)



Plan view - Fire insert (below fire gather)

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Client: THE FIRE DEPT.

Product: WD5-1000

Title: CAVITY CLEARANCES - TIMBER

Drawn: J SCHOEMAN

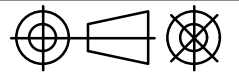
Date: 24/08/2018

Chkd: J. WILSON

Date: 23/08/2018

Appd: J. WILSON

Date: 23/08/2018



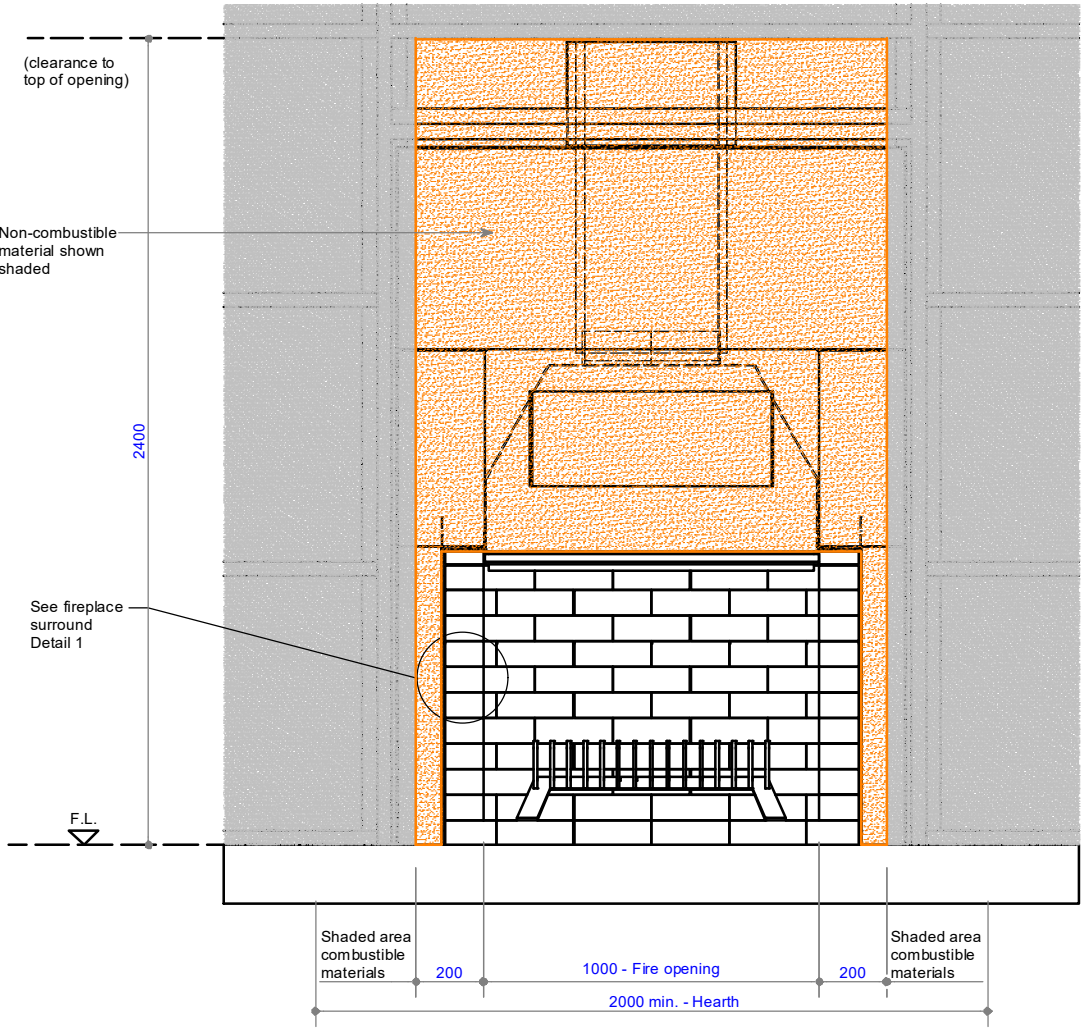
Scale: on A4

THE FIRE DEPT.
HAND CRAFTED FIRES

Drawing No. **WD5-1000-903**

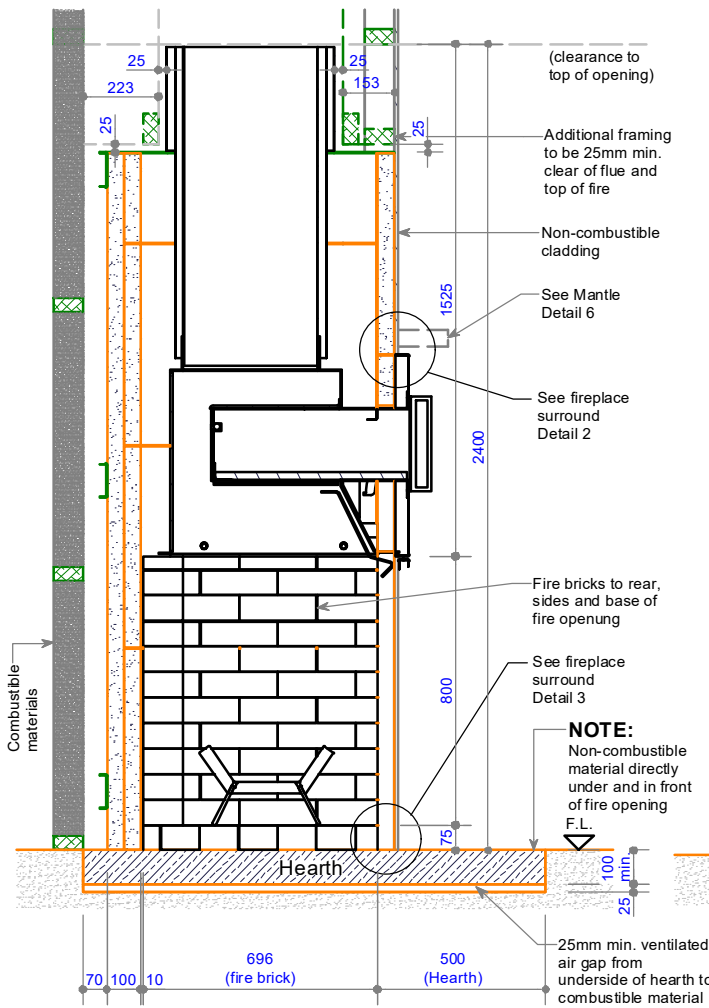
Sheet 3 of 14

Revision **1**

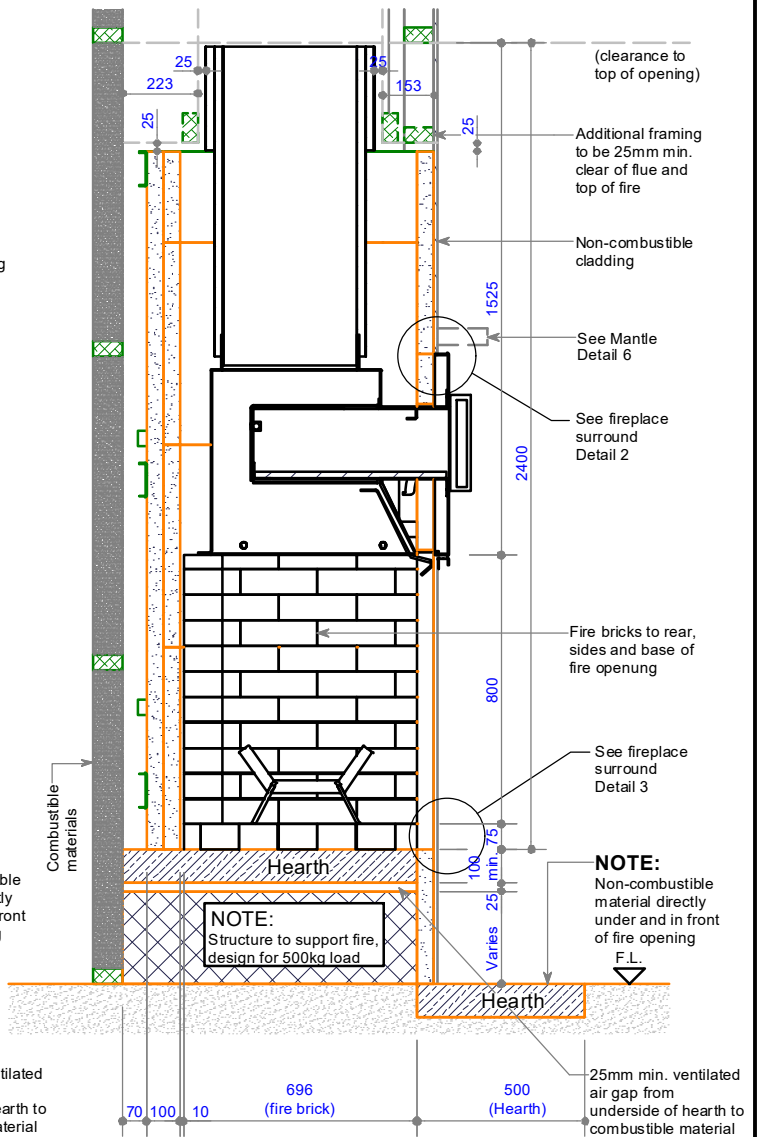


Front view - Fire insert

| | | | | |
|---|-----------------------------------|-------------------|--|--|
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| | Product: WD5-1000 | | | |
| | Title: CAVITY CLEARANCES - TIMBER | | | |
| | Drawn: J.SCHOEMAN | Date: 24/08/2018 | | |
| | Chkd: J. WILSON | Date: 23/08/2018 | | |
| Appd: J. WILSON | Date: 23/08/2018 | | | |
| Drawing No. WD5-1000-904 | | Scale: on A4 | | |
| Sheet 4 of 14 | | Revision 1 | | |



Cross Section - Fire insert at floor level



Cross Section - Fire insert on raised plinth

NOTE: Plinth height can vary to suit

NOTE:
Room requires air inlet
equal to 100 000mm²

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Client: THE FIRE DEPT.

Product: WD5-1000

Title: CAVITY CLEARANCES - TIMBER

Drawn: J.SCHOEMAN

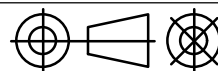
Date: 24/08/2018

Chkd: J. WILSON

Date: 23/08/2018

Appd: J. WILSON

Date: 23/08/2018



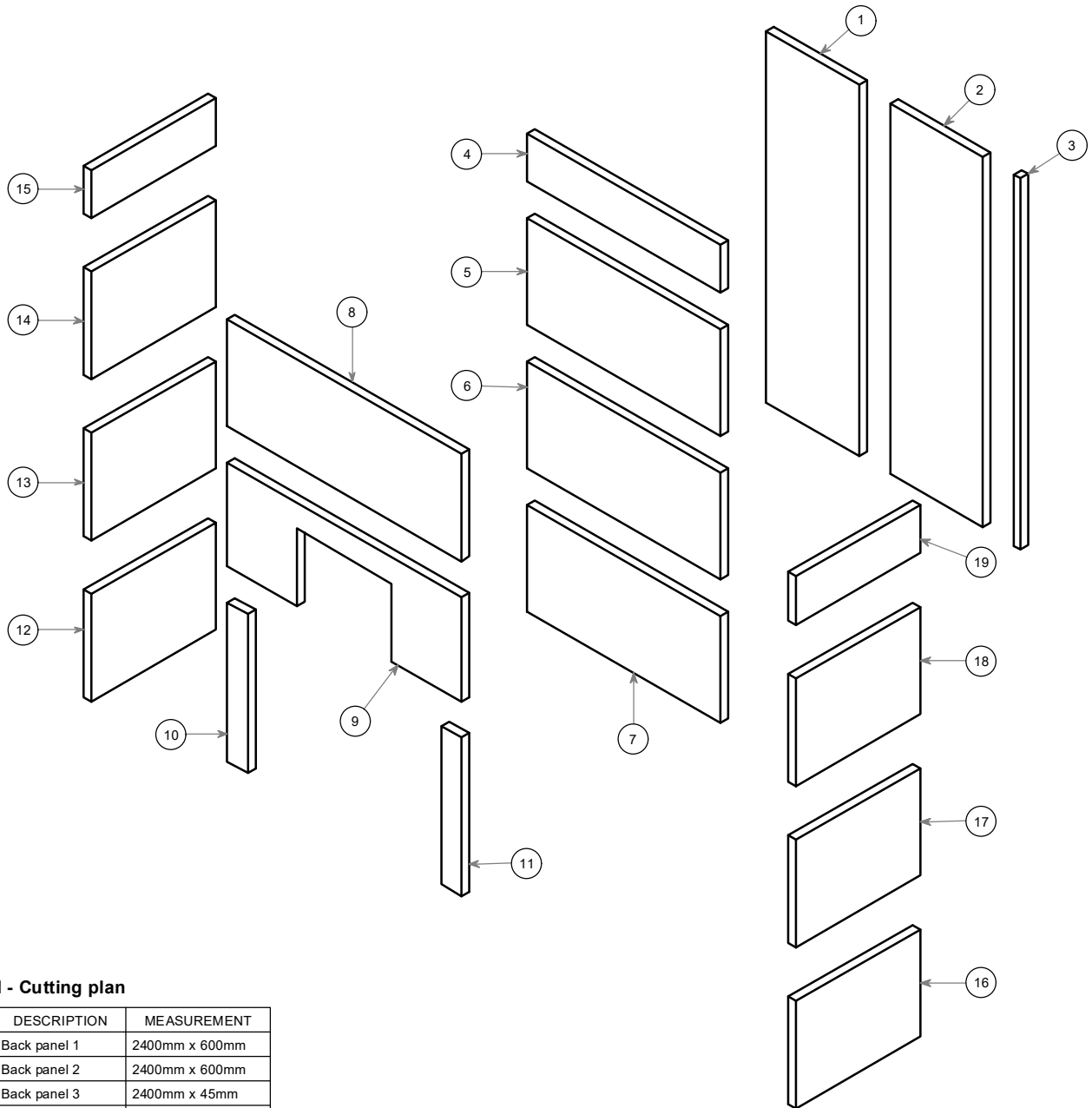
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Drawing No. **WD5-1000-905**

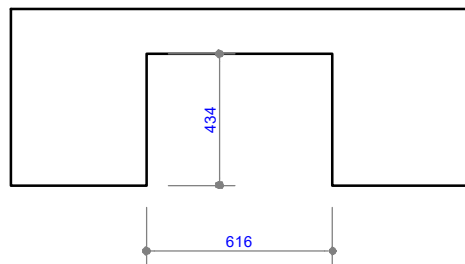
Sheet 5 of 14

Revision **1**



ACC panel - Cutting plan

| ITEM | QTY | DESCRIPTION | MEASUREMENT |
|------|-----|---------------|----------------|
| 1 | 1 | Back panel 1 | 2400mm x 600mm |
| 2 | 1 | Back panel 2 | 2400mm x 600mm |
| 3 | 1 | Back panel 3 | 2400mm x 45mm |
| 4 | 1 | Back panel 4 | 1245mm x 270mm |
| 5 | 1 | Back panel 5 | 1245mm x 600mm |
| 6 | 1 | Back panel 6 | 1245mm x 600mm |
| 7 | 1 | Back panel 7 | 1245mm x 600mm |
| 8 | 1 | Front panel 1 | 1510mm x 600mm |
| 9 | 1 | Front panel 2 | 1510mm x 583mm |
| 10 | 1 | Front panel 3 | 888mm x 130mm |
| 11 | 1 | Front panel 4 | 888mm x 130mm |
| 12 | 1 | Side panel 1 | 804mm x 600mm |
| 13 | 1 | Side panel 2 | 804mm x 600mm |
| 14 | 1 | Side panel 3 | 804mm x 600mm |
| 15 | 1 | Side panel 4 | 804mm x 275mm |
| 16 | 1 | Side panel 5 | 804mm x 600mm |
| 17 | 1 | Side panel 6 | 804mm x 600mm |
| 18 | 1 | Side panel 7 | 804mm x 600mm |
| 19 | 1 | Side panel 8 | 804mm x 275mm |



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Client: THE FIRE DEPT.

Product: WD5-1000

Title: AAC PANEL CUTTING PLAN - TIMBER CAVITY

Drawn: J.SCHOEMAN

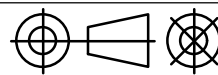
Date: 24/08/2018

Chkd: J. WILSON

Date: 23/08/2018

Appd: J. WILSON

Date: 23/08/2018



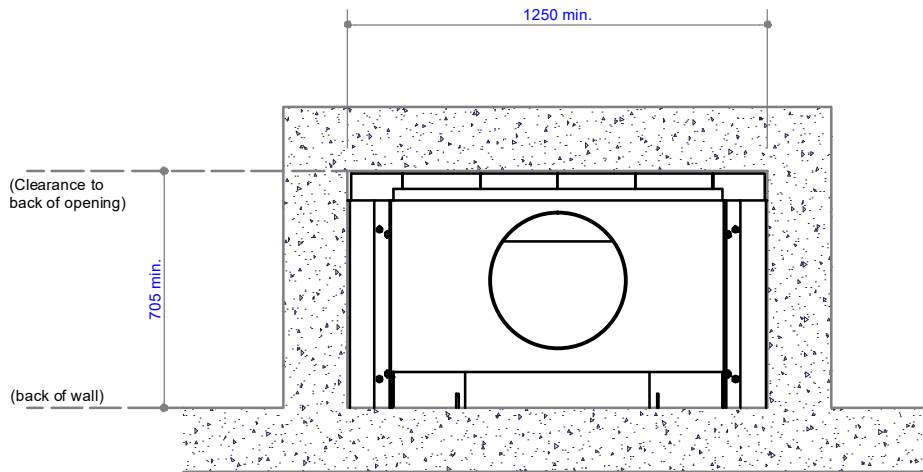
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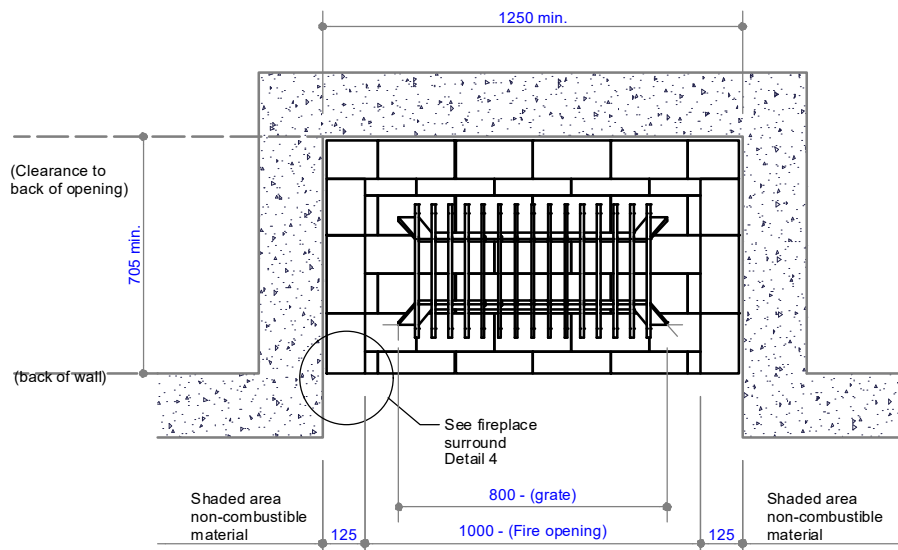
Drawing No. **WD5-1000-906**

Sheet 6 of 14

Revision **1**



Plan View - Fire insert (above fire gather)



Plan View - Fire insert (below fire gather)

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Client: THE FIRE DEPT.

Product: WD5-1000

Title: CAVITY CLEARANCES - CONCRETE

Drawn: J.SCHOEMAN

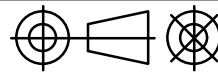
Date: 24/08/2018

Chkd: J. WILSON

Date: 23/08/2018

Appd: J. WILSON

Date: 23/08/2018



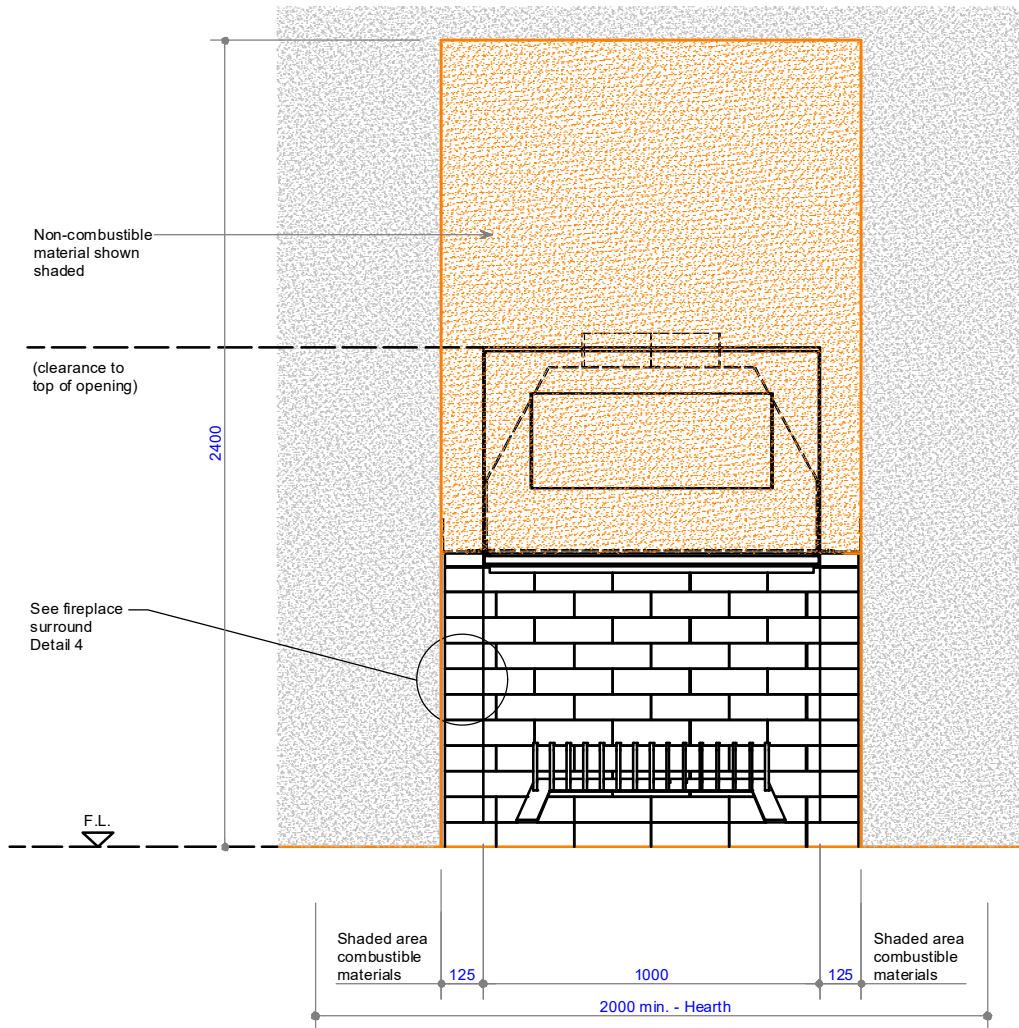
Scale: on A4



Drawing No. **WD5-1000-907**

Sheet 7 of 14

Revision **1**



Front view - Fire insert

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Client: THE FIRE DEPT.

Product: WD5-1000

Title: CAVITY CLEARANCES - CONCRETE

Drawn: J.SCHOEMAN

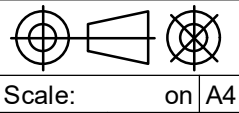
Date: 24/08/2018

Chkd: J. WILSON

Date: 23/08/2018

Appd: J. WILSON

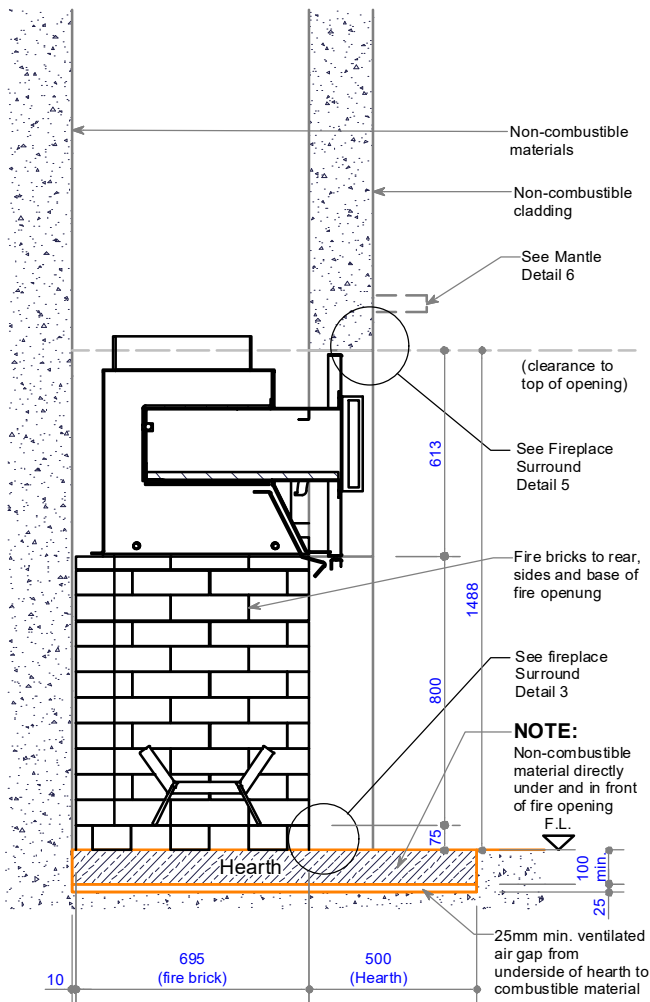
Date: 23/08/2018



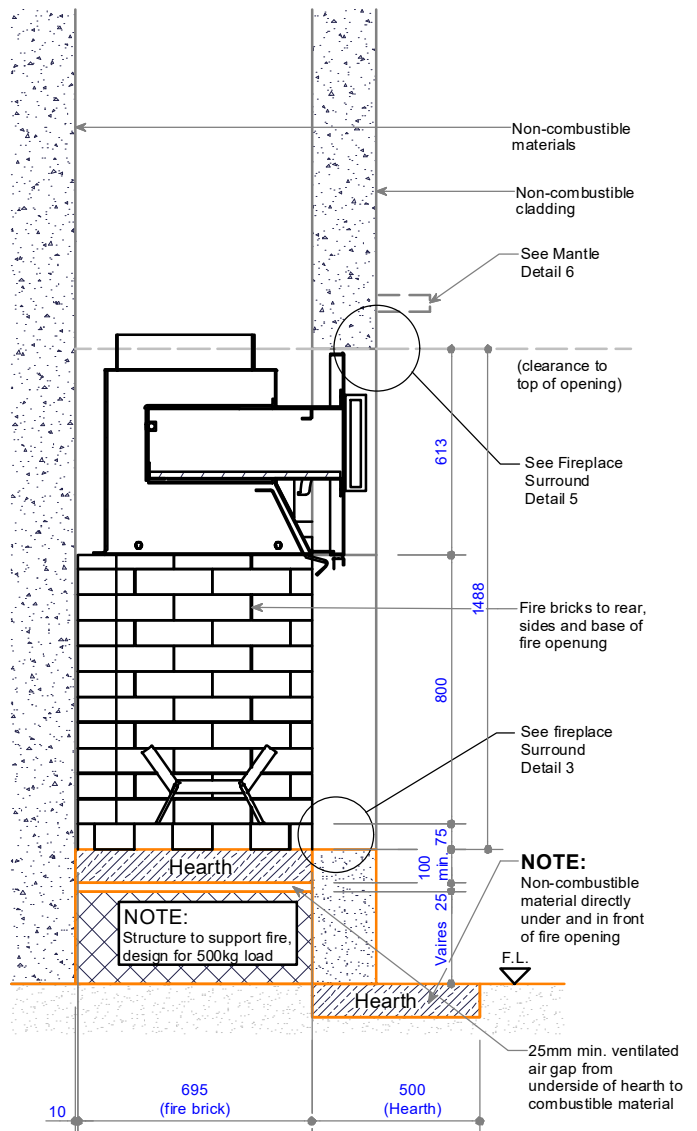
Drawing No. **WD5-1000-908**

Sheet 8 of 14

Revision **1**



Cross Section - Fire insert at floor level



Cross Section - Fire insert on raised plinth

NOTE: Plinth height can vary to suit

NOTE:
Room requires air inlet equal to 100 000mm²

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Client: THE FIRE DEPT.

Product: WD5-1000

Title: CAVITY CLEARANCES - CONCRETE

Drawn: J.SCHOEMAN

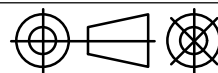
Date: 24/08/2018

Chkd: J. WILSON

Date: 23/08/2018

Appd: J. WILSON

Date: 23/08/2018



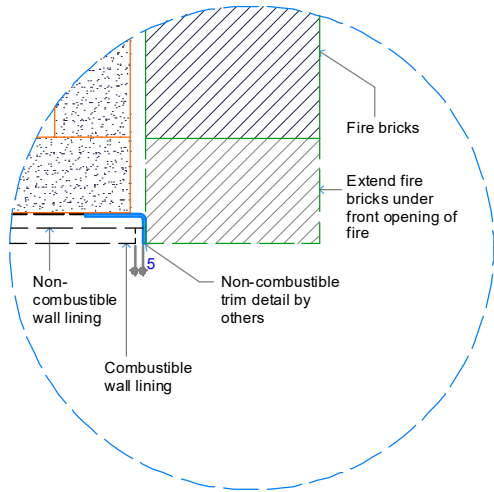
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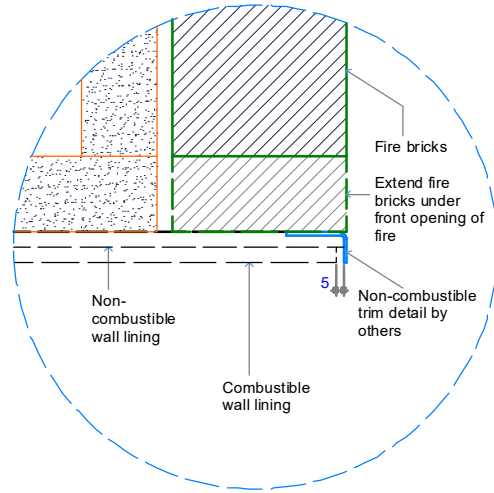
Drawing No. **WD5-1000-909**

Sheet 9 of 14

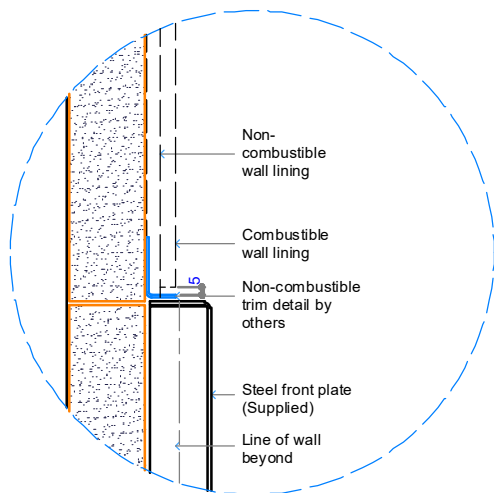
Revision **1**



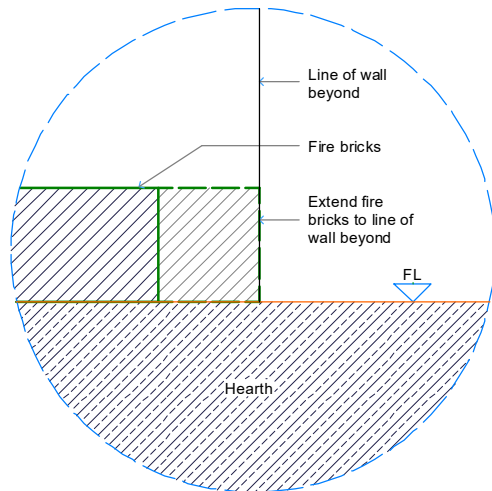
**Detail 1 - Plan View Fire Surround Opt. 1
Timber Cavity**



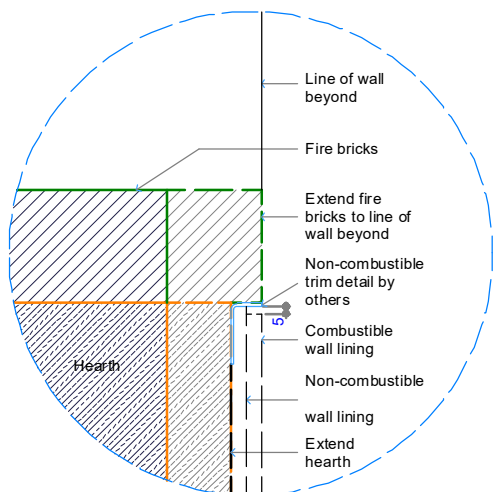
**Detail 1 - Plan View Fire Surround Opt. 2
Timber Cavity**



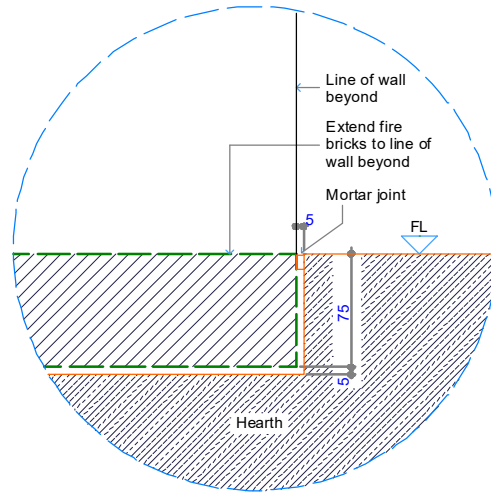
**Detail 2 - Cross Section Fire Surround Opt. 3
Timber Cavity**



**Detail 3 - Cross Section Fire Surround Opt. 4
Timber Cavity**



**Detail 3 - Cross Section Fire Surround Opt. 5
Timber Cavity**



**Detail 3 - Cross Section Fire Surround Opt. 6
Concrete Cavity**

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Client: THE FIRE DEPT.

Product: WD5-1000

Title: SURROUND DETAILS

Drawn: J.SCHOEMAN

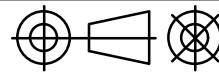
Date: 24/08/2018

Chkd: J. WILSON

Date: 23/08/2018

Appd: J. WILSON

Date: 23/08/2018



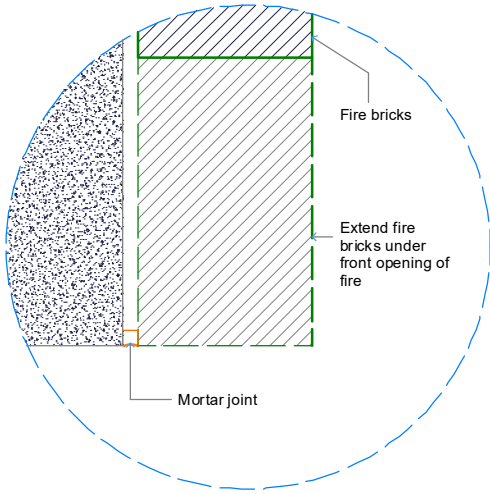
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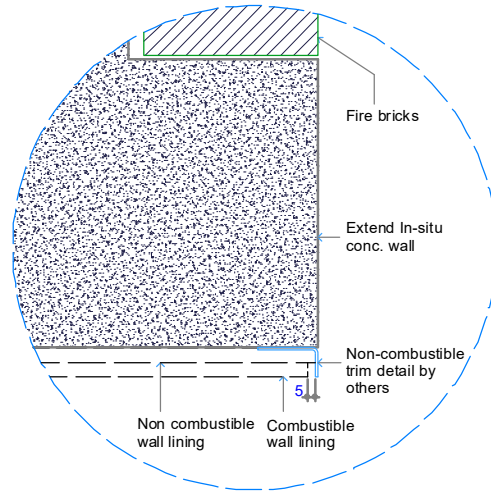
Drawing No. **WD5-1000-910**

Sheet 10 of 14

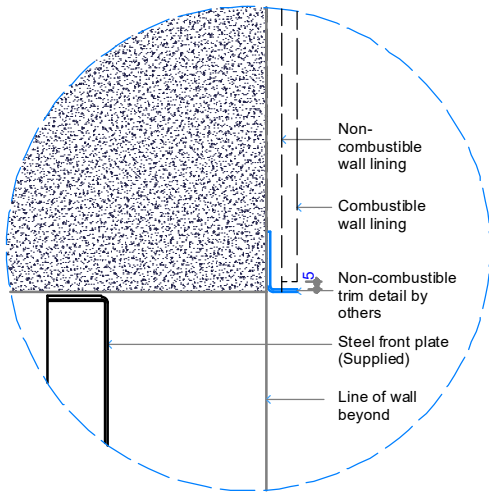
Revision **1**



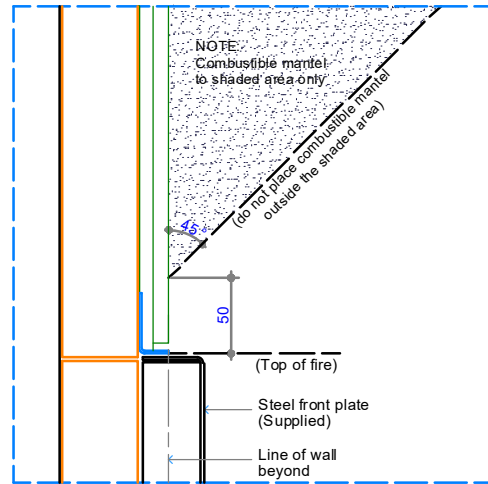
Detail 4 - Plan View Fire Surround Opt. 7
Concrete Cavity



Detail 4 - Plan View Fire Surround Opt. 8
Concrete Cavity



Detail 5 - Cross Section Fire Surround Opt. 3
Concrete Cavity



Detail 6 - Top of Fire to Combustible Mantel

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Client: THE FIRE DEPT.

Product: WD5-1000

Title: SURROUND DETAILS

Drawn: J.SCHOEMAN

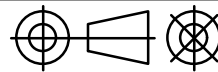
Date: 24/08/2018

Chkd: J. WILSON

Date: 23/08/2018

Appd: J. WILSON

Date: 23/08/2018



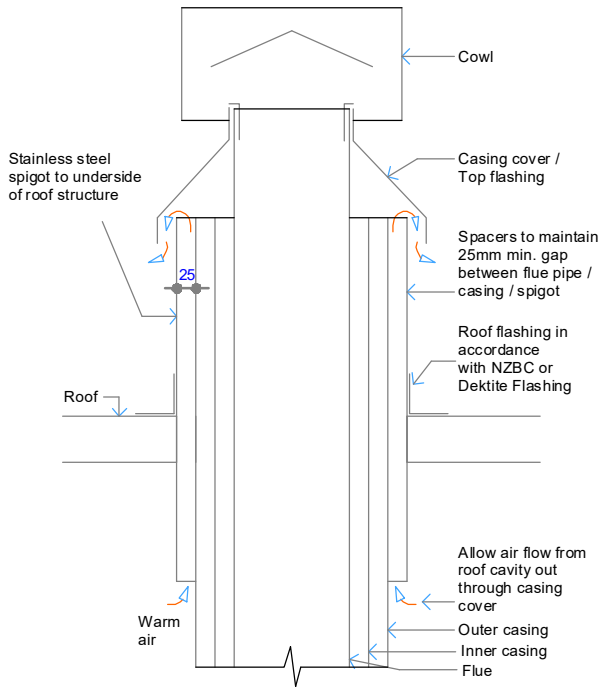
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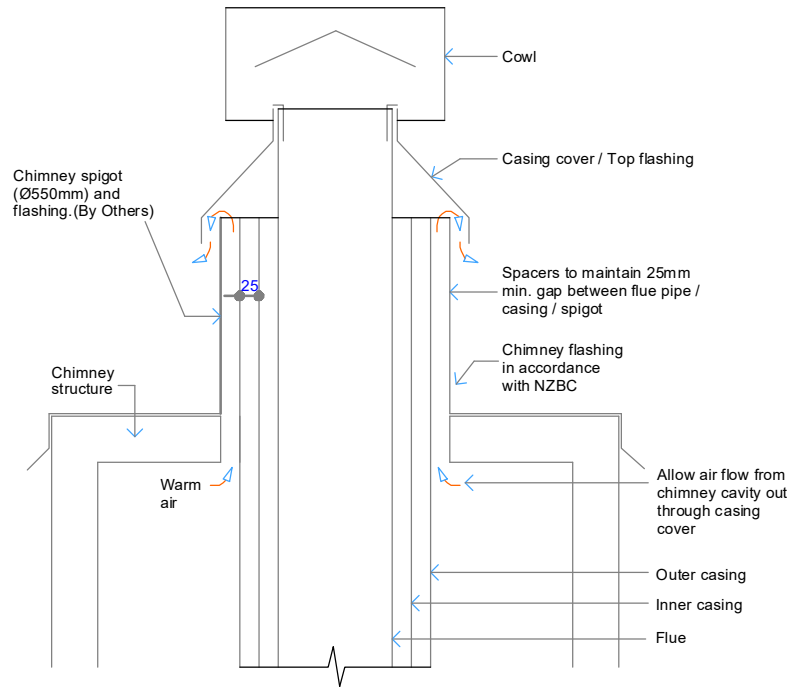
Drawing No. WD5-1000-911

Sheet 11 of 14

Revision 1



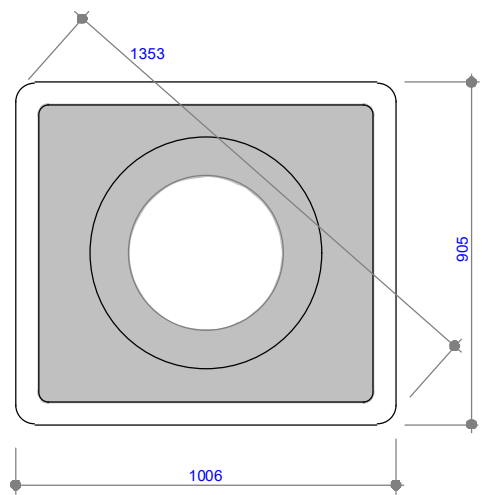
Detail Roof - Air Ventilation through Casing cover / Top flashing



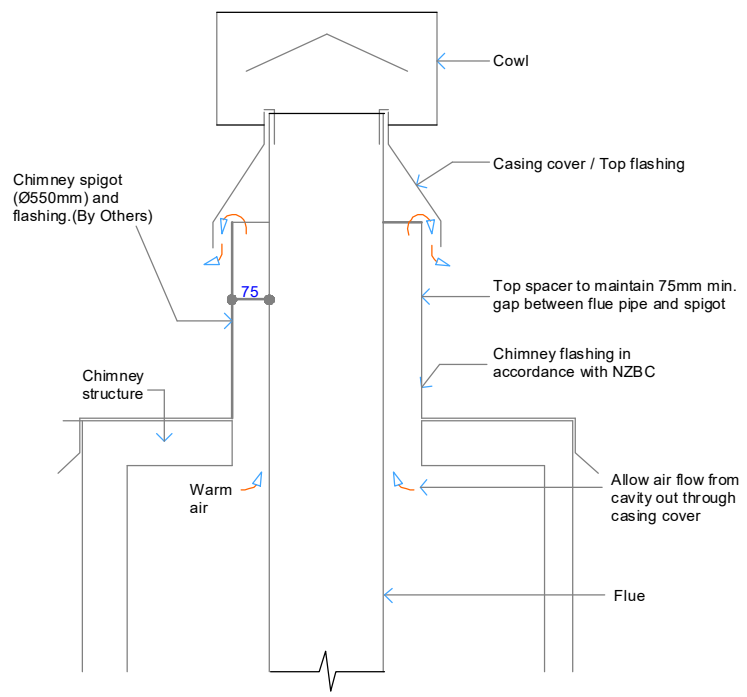
Detail Chimney - Air Ventilation through Casing cover / Top flashing Opt. 2

Flue components:
 400mm dia. Flue
 450mm dia. Inner Casing
 500mm dia. Outer Casing
 550mm dia. S/S Spigot
 Deklite Soaker Flashing DF606

NOTE:
 Flue components must be installed to AS/NZS2918:2001 requirements.
 All external penetration flashings must be installed in accordance with NZBC.
 Cavity airflow must be unobstructed from fire box to flue termination.
 25mm clearance between flue and combustible materials.
 75mm clearance between flue and wiring / plastic water pipes.
 Each flue joint must be sealed with a heat proof sealer.
 Each flue joint must have a minimum of 4 x Stainless Steel rivets.
 Flue to be adequately supported at 2m crs.



Deklite Soaker Flashing DF606 Plan View



Detail Chimney - Air Ventilation through Casing cover / Top flashing Opt. 3 (CONCRETE ONLY!)

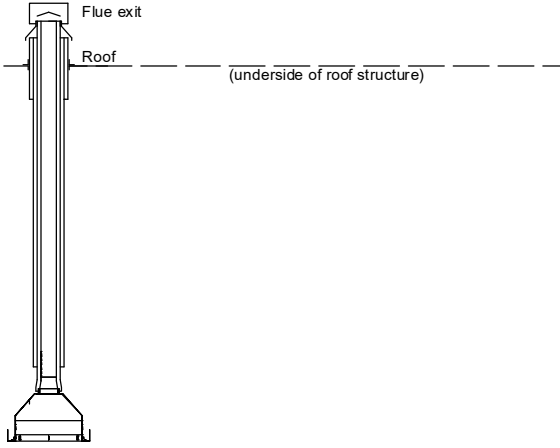
Flue components:
 400mm dia. Flue
 550mm dia. Spigot

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| Client: THE FIRE DEPT. | | | |
| Product: WD5-1000 | | | |
| Title: VERTICAL FLUE EXIT DETAILS | | | |
| Drawn: J.SCHOEMAN | Date: 24/08/2018 | | |
| Chkd: J. WILSON | Date: 23/08/2018 | | |
| Appd: J. WILSON | Date: 23/08/2018 | | |
| | | Scale: | on A4 |

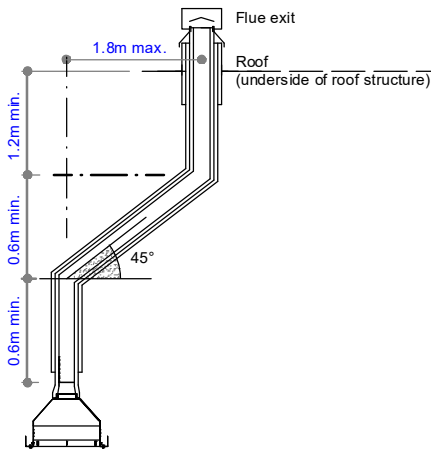


| | | | |
|-------------|---------------------|----------------|--|
| Drawing No. | WD5-1000-912 | Sheet 12 of 14 | Revision 1 |
|-------------|---------------------|----------------|--|



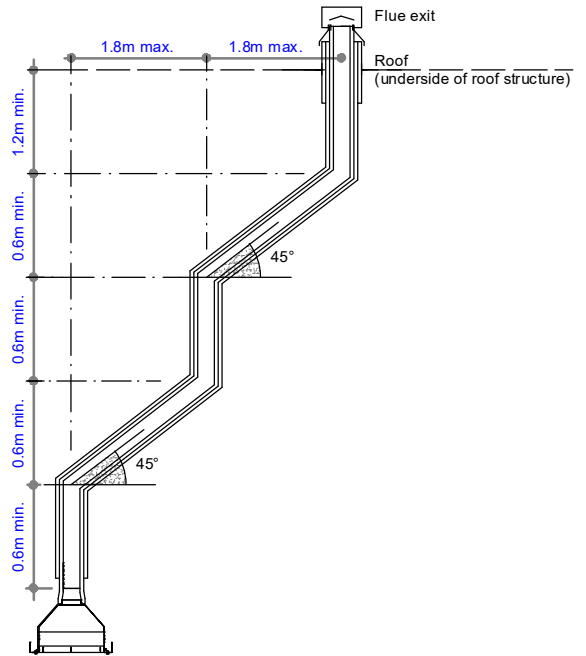
Vertical Flue Combination WD5A

NOTE:
 Flue components must be installed to AS/NZS2918:2001 requirements.
 All external penetration flashings must be installed in accordance with NZBC.
 Cavity airflow must be unobstructed from fire box to flue termination.
 25mm clearance between flue and combustible materials.
 75mm clearance between flue and wiring / plastic water pipes.
 Each flue joint must be sealed with a heat proof sealer.
 Each flue joint must have a minimum of 4 x Stainless Steel rivets.
 Flue to be adequately supported at 2m crs.



Vertical Flue Combination WD5B

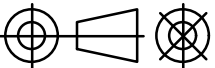
NOTE:
 Flue components must be installed to AS/NZS2918:2001 requirements.
 All external penetration flashings must be installed in accordance with NZBC.
 Cavity airflow must be unobstructed from fire box to flue termination.
 25mm clearance between flue and combustible materials.
 75mm clearance between flue and wiring / plastic water pipes.
 Each flue joint must be sealed with a heat proof sealer.
 Each flue joint must have a minimum of 4 x Stainless Steel rivets.
 Flue to be adequately supported at 2m crs.




Vertical Flue Combination WD5C

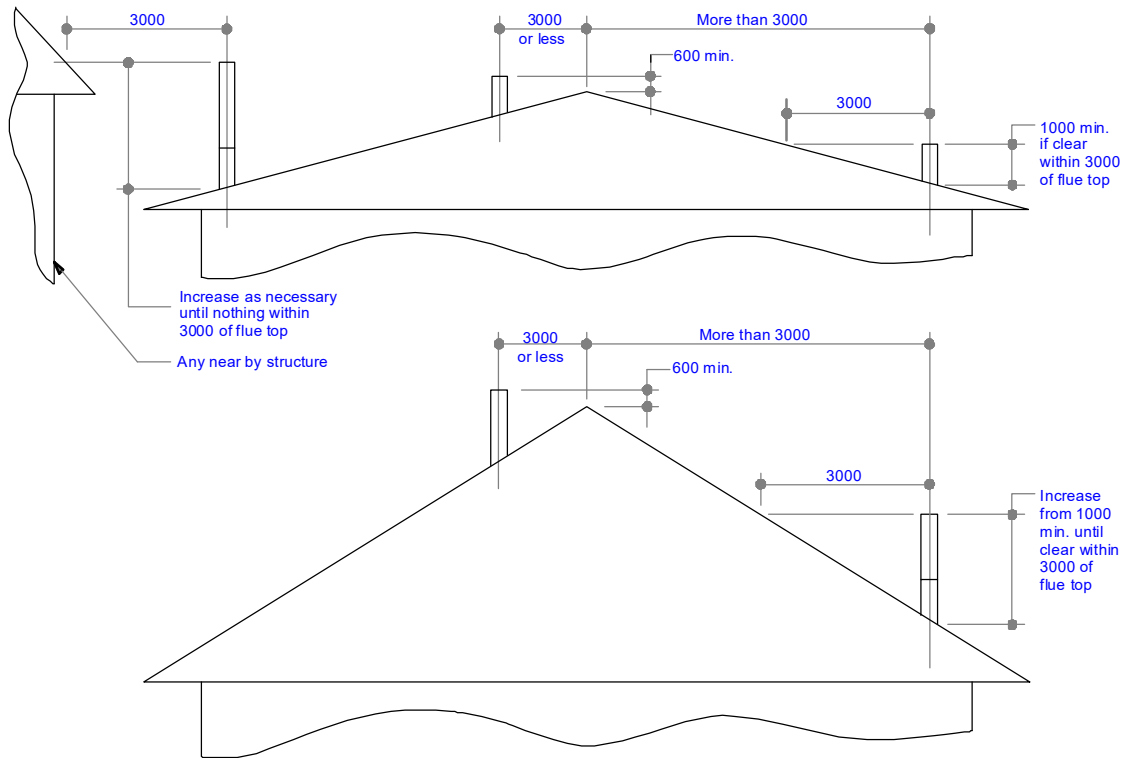
NOTE:
 Flue components must be installed to AS/NZS2918:2001 requirements.
 All external penetration flashings must be installed in accordance with NZBC.
 Cavity airflow must be unobstructed from fire box to flue termination.
 25mm clearance between flue and combustible materials.
 75mm clearance between flue and wiring / plastic water pipes.
 Each flue joint must be sealed with a heat proof sealer.
 Each flue joint must have a minimum of 4 x Stainless Steel rivets.
 Flue to be adequately supported at 2m crs.

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| Client: THE FIRE DEPT. | |
| Product: WD5-1000 | |
| Title: VERTICAL FLUE COMBINATION OPTIONS | |
| Drawn: J.SCHOEMAN | Date: 24/08/2018 |
| Chkd: J. WILSON | Date: 23/08/2018 |
| Appd: J. WILSON | Date: 23/08/2018 |
| Scale:  on A4 | |



| | | |
|---------------------------------|----------------|--|
| Drawing No. WD5-1000-913 | Sheet 13 of 14 | Revision  1 |
|---------------------------------|----------------|--|



Minimum Height of Flue System Exit
Or as per AS/NZS 2918:2001

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Client: THE FIRE DEPT.

Product: WD5-1000

Title: FLUE EXIT CLEARANCES

Drawn: J.SCHOEMAN

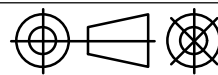
Date: 24/08/2018

Chkd: J. WILSON

Date: 23/08/2018

Appd: J. WILSON

Date: 23/08/2018



Scale: on A4



Drawing No. **WD5-1000-914**

Sheet 14 of 14

Revision

1